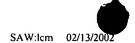
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Abstract

A lightweight concrete composition contains foamed plastic balls or particles obtained by grinding foamed plastic waste material. A method for the production of lightweight concrete composition includes a foamed plastic balls or particles obtained by grinding foamed plastic waste material are mixed with cement.

The plastic particles are mixed with water soluble glass and polyvinyl acetate, and to the mixture, cement is batched in two stages. (Fig. 1)